

Claims

1. The composition with stabilized redox properties, which corresponds to water solution and/or raw material-containing water with spontaneously changing redox properties, which are characterized by spontaneous increasing of the redox potential in relation to the potential of the hydrogen electrode, which value is considered as zero, in which redox properties are stabilized by addition of amino-acids with not charged polar substitutes and/or their derivatives and/or peptides, containing mentioned amino-acids and/or their derivatives and/or their mixtures.
2. The composition according to the paragraph 1, in which the mentioned amino-acids are represented by glycine, serine, threonine, cysteine, tyrosine, asparagine or glutamine.
3. The composition according to the paragraph 1, in which the mentioned peptide is represented by gelatin.
4. The composition according to the paragraph 1, in which the amount of amino-acids with not charged polar substitutes and/or their derivatives and/or peptides, containing mentioned amino-acids and/or their derivatives and/or their mixtures, is more than 0.005% of weight.
5. The composition according to the paragraph 1, in which the water solution and/or raw material-containing water is represented by foodstuff, including mineral and/or drinking water, milk composition, juice, alcoholic and/or alcohol-free drink, mayonnaise, ketchup, sauce, meat, fish, vegetable and/or fruit semi-manufactured product, sausage and/or canned composition, confectionery, bread, macaroni, foodstuff with properties of disinfectant, antiseptic, preservation agent, antioxidant, antimutagen, radio-protector, immunostimulator, adoptogen, as virulicide, antiviral, antiphlogistic agent, as stimulator of regeneration of tissues and as stimulator of mitotic activity of enteric bacterial micro flora useful for man and/or animals.
6. The composition according to the paragraph 1, in which the water solution and/or raw material-containing water is represented by the balneological composition, including mineral water, mud (peloid), clay, peat, sludge, acting as disinfectant, antiseptic, preservation agent, antioxidant, antimutagen, radio-protector, immunostimulator, adoptogen, as virulicide, antiviral, antiphlogistic agent, as stimulator of regeneration of tissues and as stimulator of mitotic activity of enteric bacterial micro flora useful for man and/or animals.
7. The composition according to the paragraph 1, in which the water solution and/or raw material-containing water is represented by the composition for therapeutic and

prophylactic purpose, including tooth elixir, paste, lotion, cream, water and/or oil extract of medicative herbs, biogenic preparation, gel, aerosol, tampon, deodorant, wet hygienic napkin, bandage, cotton, hydrogel tampon, collagen film, alginate gel, coal, micro-crystal cellulose and/or polysaccharide sorbent, pectin, polyphosphoric acid, zeolite, chitin and/or chitosan film, gel, powder, solution, nutritious mask, shampoo, conditioner, solution for correction of electrolytic and/or acid-alkaline balance, solution for dialysis, nutritive and/or vitamin mixture, liquid for contact lenses, eye drops, basis for medical preparation, influencing different kinds of metabolism, including carbohydrate metabolism, phosphoric and calcium metabolism, homeostasis, hemopoiesis, hemostasis; agent, influencing immunity, correcting anti-tumoural therapy, antibiotics therapy, radio therapy used in gynecology, otorhinolaryngology, dentistry, ophthalmology, proctology, urology, for external use, dermatology; agents with disinfectant and/or antiseptic effect, preparation for treatment of disbacteriosis, antiphlogistic agent, antimicrobe agents for different groups, virulicide and antiviral agent, antituberculous agent, antimycotic agent, agent used in gastroenterology and/or in hepatology, bronchopulmonary agent, antiallergic, and also physiologic salt solution, parenteral agent for rehydration and/or detoxication, agent for correction of electrolytic and/or acid-alkaline balance, agent for parenteral alimentation, multivitamin agent with complex of biogenic adaptogens, amino-acid preparation, preparation using in case of functional asthenia, corrective food additive, plasma substituting and/or artificial blood substitutes, medical agent for external, intracavitary, intravenous, intramuscular, intraperitoneal, hypodermic, intradermal and/or internal administration, acting as disinfectant, antiseptic, preservation agent, antioxidant, antimutagen, radio-protector, immunostimulator, adaptogen, as virulicide, antiviral, antiphlogistic agent, as stimulator of regeneration of tissues and as stimulator of mitotic activity of enteric bacterial micro flora useful for man and/or animals..

8. The composition according to the paragraph 1, in which the water solution and/or raw material-containing water is represented by the composition for cosmetic purpose, including tooth paste, elixir, tampon, cream, gel, aerosol, perfume, eau-de-Cologne, lotion, deodorant, wet hygienic napkin, shampoo, conditioner, cosmetic agent with properties of disinfectant, antiseptic, preservation agent, antioxidant, antimutagen, radio-protector, immunostimulator, adaptogen, as virulicide, antiviral, antiphlogistic agent, as stimulator of regeneration of tissues and as stimulator of mitotic activity of enteric bacterial micro flora useful for man and/or animals.
9. The composition according to the paragraph 1, in which the water solution and/or raw material-containing water is represented by the composition for animal breeding, including

medical preparation, feed and drink with properties of disinfectant, antiseptic, preservation agent, antioxidant, antimutagen, radio-protector, immunostimulator, adoptogen, as virulicide, antiviral, antiphlogistic agent, as stimulator of regeneration of tissues and as stimulator of mitotic activity of enteric bacterial micro flora useful for man and/or animals.

10. The composition according to the paragraph 1, in which the water solution and/or raw material-containing water is represented by the composition for veterinary purposes, including feed and drink and/or medical preparation with properties of disinfectant, antiseptic, preservation agent, antioxidant, antimutagen, radio-protector, immunostimulator, adoptogen, as virulicide, antiviral, antiphlogistic agent, as stimulator of regeneration of tissues and as stimulator of mitotic activity of enteric bacterial micro flora useful for man and/or animals.
11. The composition according to the paragraph 1, in which the water solution and/or raw material-containing water, which could be used as fertilizer for agriculture with properties of disinfectant, antiseptic, preservation agent, antioxidant, antimutagen, radio-protector, immunostimulator, adoptogen, as virulicide, and antiviral agent, as stimulator of plants growth and as stimulator of mitotic activity of microbiologic flora useful for plants.
12. The method of stabilization of redox properties of composition, which corresponds to water solution and/or raw material-containing water with spontaneously changing redox properties, which are characterized by spontaneous increasing of the redox potential in relation to the potential of the hydrogen electrode, which value is considered as zero, which consists in addition of amino-acids with not charged polar substitutes and/or their derivatives and/or peptides, containing mentioned amino-acids and/or their derivatives and/or their mixtures.
13. The method according to the paragraph 12, in which the mentioned amino-acids are represented by glycine, serine, threonine, cysteine, tyrosine, asparagine or glutamine.
14. The method according to the paragraph 12, in which the mentioned peptide is represented by gelatin.
15. The method according to the paragraph 12, in which the amount of amino-acids with not charged polar substitutes and/or their derivatives and/or peptides, containing mentioned amino-acids and/or their derivatives and/or their mixtures is more than 0.005% of weight.
16. The method according to the paragraph 12, in which the water solution and/or raw material-containing water is represented by foodstuff, including mineral and/or drinking water, milk composition, juice, alcoholic and/or alcohol-free drink, mayonnaise, ketchup, sauce, meat, fish, vegetable and/or fruit semi-manufactured product, sausage and/or canned composition, confectionery, bread, macaroni, foodstuff with properties of disinfectant,

antiseptic, preservation agent, antioxidant, antimutagen, radio-protector, immunostimulator, adoptogen, as virulicide, antiviral, antiphlogistic agent, as stimulator of regeneration of tissues and as stimulator of mitotic activity of enteric bacterial micro flora useful for man and/or animals.

17. The method according to the paragraph 12, in which the water solution and/or raw material-containing water is represented by the balneological composition, including mineral water, mud (peloid), clay, peat, sludge, acting as disinfectant, antiseptic, preservation agent, antioxidant, antimutagen, radio-protector, immunostimulator, adoptogen, as virulicide, antiviral, antiphlogistic agent, as stimulator of regeneration of tissues and as stimulator of mitotic activity of enteric bacterial micro flora useful for man and/or animals.
18. The method according to the paragraph 12, in which the water solution and/or raw material-containing water is represented by the composition for therapeutic and prophylactic purpose, including tooth elixir, paste, lotion, cream, water and/or oil extract of medicative herbs, biogenic preparation, gel, aerosol, tampon, deodorant, wet hygienic napkin, bandage, cotton, hydrogel tampon, collegan film, algiporic gel, coal, micro-crystal cellulose and/or polysaccharide sorbent, pectin, polyphepam, zeolite, chitin and/or chitosan film, gel, powder, solution, nutritious mask, shampoo, conditioner, solution for correction of electrolytic and/or acid -alkaline balance, solution for dialysis, nutritive and/or vitamin mixture, liquid for contact lenses, eye drops, basis for medical preparation, influencing different kinds of metabolism, including carbohydrate metabolism, phosphoric and calcium metabolism, homeostasis, hemopoiesis, hemostasis; agent, influencing immunity, correcting anti-tumoural therapy, antibiotics therapy, radio therapy used in gynecology, otorhynolaryngology, dentistry, ophthalmology, proctology, urology, for external use, dermatology; agents with disinfectant and/or antiseptic effect, preparation for treatment of disbacteriosis, antiphlogistic agent, antimicrobe agents for different groups, virulicide and antiviral agent, antituberculous agent, antimycotic agent, agent used in gastroenterology and/or in hepatology, bronchopulmonary agent, antiallergic, and also physiologic salt solution, parenteral agent for rehydration and/or detoxication, agent for correction of electrolytic and/or acid-alkaline balance, agent for parenteral alimentation, multivitamin agent with complex of biogenic adoptogens, amino-acid preparation, preparation using in case of functional asthenia, corrective food additive, plasma substituting and/or artificial blood substitutes, medical agent for external, intracavitary, intravenous, intramuscular, intraperitoneal, hypodermic, intradermal and/or internal administration, acting as disinfectant, antiseptic, preservation agent, antioxidant, antimutagen, radio-protector,

immunostimulator, adoptogen, as virulicide, antiviral, antiphlogistic agent, as stimulator of regeneration of tissues and as stimulator of mitotic activity of enteric bacterial micro flora useful for man and/or animals.

19. The method according to the paragraph 12, in which the water solution and/or raw material-containing water is represented by the composition for cosmetic purpose, including tooth paste, elixir, tampon, cream, gel, aerosol, perfume, eau-de-Cologne, lotion, deodorant, wet hygienic napkin, shampoo, conditioner, cosmetic agent with properties of disinfectant, antiseptic, preservation agent, antioxidant, antimutagen, radio-protector, immunostimulator, adoptogen, as virulicide, antiviral, antiphlogistic agent, as stimulator of regeneration of tissues and as stimulator of mitotic activity of enteric bacterial micro flora useful for man and/or animals.
20. The method according to the paragraph 12, in which the water solution and/or raw material-containing water is represented by the composition for animal breeding, including medical preparation, feed and drink with properties of disinfectant, antiseptic, preservation agent, antioxidant, antimutagen, radio-protector, immunostimulator, adoptogen, as virulicide, antiviral, antiphlogistic agent, as stimulator of regeneration of tissues and as stimulator of mitotic activity of enteric bacterial micro flora useful for man and/or animals.
21. The method according to the paragraph 12, in which the water solution and/or raw material-containing water is represented by the composition for veterinary purposes, including feed and drink and/or medical preparation with properties of disinfectant, antiseptic, preservation agent, antioxidant, antimutagen, radio-protector, immunostimulator, adoptogen, as virulicide, antiviral, antiphlogistic agent, as stimulator of regeneration of tissues and as stimulator of mitotic activity of enteric bacterial micro flora useful for man and/or animals.
22. The method according to the paragraph 12, in which the water solution and/or raw material-containing water, which could be used as fertilizer for agriculture with properties of disinfectant, antiseptic, preservation agent, antioxidant, antimutagen, radio-protector, immunostimulator, adoptogen, as virulicide, and antiviral agent, as stimulator of plants growth and as stimulator of mitotic activity of microbiologic flora useful for plants.
23. The use of amino-acids with not charged polar substitutes and/or their derivatives and/or peptides, containing mentioned amino-acids and/or their derivatives and/or their mixtures for stabilization of redox properties of composition, which corresponds to water solution and/or raw material-containing water with spontaneously changing redox properties, which are characterized by spontaneous increasing of the redox potential in relation to the potential of the hydrogen electrode, which value is considered as zero.

24. The use according to the paragraph 22, in which the mentioned amino-acids are represented by glycine, serine, threonine, cysteine, tyrosine, asparagine or glutamine.
25. The use according to the paragraph 22, in which the mentioned peptide is represented by gelatin.
26. The use according to the paragraph 22, in which the amount of amino-acids with not charged polar substitutes and/or their derivatives and/or peptides, containing mentioned amino-acids and/or their derivatives and/or their mixtures is more than 0.005% of weight.
27. The use according to the paragraph 23, in which the water solution and/or raw material-containing water is represented by foodstuff, including mineral and/or drinking water, milk composition, juice, alcoholic and/or alcohol-free drink, mayonnaise, ketchup, sauce, meat, fish, vegetable and/or fruit semi-manufactured product, sausage and/or canned composition, confectionery, bread, macaroni, foodstuff with properties of disinfectant, antiseptic, preservation agent, antioxidant, antimutagen, radio-protector, immunostimulator, adoptogen, as virulicide, antiviral, antiphlogistic agent, as stimulator of regeneration of tissues and as stimulator of mitotic activity of enteric bacterial micro flora useful for man and/or animals.
28. The use according to the paragraph 22, in which the water solution and/or raw material-containing water is represented by the balneological composition, including mineral water, mud (peloid), clay, peat, sludge, acting as disinfectant, antiseptic, preservation agent, antioxidant, antimutagen, radio-protector, immunostimulator, adoptogen, as virulicide, antiviral, antiphlogistic agent, as stimulator of regeneration of tissues and as stimulator of mitotic activity of enteric bacterial micro flora useful for man and/or animals.
29. The use according to the paragraph 23, in which the water solution and/or raw material-containing water is represented by the composition for therapeutic and prophylactic purpose, including tooth elixir, paste, lotion, cream, water and/or oil extract of medicative herbs, biogenic preparation, gel, aerosol, tampon, deodorant, wet hygienic napkin, bandage, cotton, hydrogel tampon, collegan film, algiporic gel, coal, micro-crystal cellulose and/or polysaccharide sorbent, pectin, polyphepam, zeolite, chitin and/or chitosan film, gel, powder, solution, nutritious mask, shampoo, conditioner, solution for correction of electrolytic and/or acid -alkaline balance, solution for dialysis, nutritive and/or vitamin mixture, liquid for contact lenses, eye drops, basis for medical preparation, influencing different kinds of metabolism, including carbohydrate metabolism, phosphoric and calcium metabolism, homeostasis, hemopoiesis, hemostasis; agent, influencing immunity, correcting anti-tumoural therapy, antibiotics therapy, radio therapy used in gynecology,

- otorhinolaryngology, dentistry, ophthalmology, proctology, urology, for external use, dermatology; agents with disinfectant and/or antiseptic effect, preparation for treatment of disbacteriosis, antiphlogistic agent, antimicrobe agents for different groups, virulicide and antiviral agent, antituberculous agent, antimycotic agent, agent used in gastroenterology and/or in hepatology, bronchopulmonary agent, antiallergic, and also physiologic salt solution, parenteral agent for rehydration and/or detoxication, agent for correction of electrolytic and/or acid-alkaline balance, agent for parenteral alimentation, multivitamin agent with complex of biogenic adoptogens, amino-acid preparation, preparation using in case of functional asthenia, corrective food additive, plasma substituting and/or artificial blood substitutes, medical agent for external, intracavitary, intravenous, intramuscular, intraperitoneal, hypodermic, intradermal and/or internal administration, acting as disinfectant, antiseptic, preservation agent, antioxidant, antimutagen, radio-protector, immunostimulator, adoptogen, as virulicide, antiviral, antiphlogistic agent, as stimulator of regeneration of tissues and as stimulator of mitotic activity of enteric bacterial micro flora useful for man and/or animals..
30. The use according to the paragraph 23, in which the water solution and/or raw material-containing water is represented by the composition for cosmetic purpose, including tooth paste, elixir, tampon, cream, gel, aerosol, perfume, eau-de-Cologne, lotion, deodorant, wet hygienic napkin, shampoo, conditioner, cosmetic agent with properties of disinfectant, antiseptic, preservation agent, antioxidant, antimutagen, radio-protector, immunostimulator, adoptogen, as virulicide, antiviral, antiphlogistic agent, as stimulator of regeneration of tissues and as stimulator of mitotic activity of enteric bacterial micro flora useful for man and/or animals.
31. The use according to the paragraph 23, in which the water solution and/or raw material-containing water is represented by the composition for animal breeding, including medical preparation, feed and drink with properties of disinfectant, antiseptic, preservation agent, antioxidant, antimutagen, radio-protector, immunostimulator, adoptogen, as virulicide, antiviral, antiphlogistic agent, as stimulator of regeneration of tissues and as stimulator of mitotic activity of enteric bacterial micro flora useful for man and/or animals.
32. The use according to the paragraph 23, in which the water solution and/or raw material-containing water is represented by the composition for veterinary purposes, including feed and drink and/or medical preparation with properties of disinfectant, antiseptic, preservation agent, antioxidant, antimutagen, radio-protector, immunostimulator, adoptogen, as virulicide, antiviral, antiphlogistic agent, as stimulator of

regeneration of tissues and as stimulator of mitotic activity of enteric bacterial micro flora useful for man and/or animals.

33. The use according to the paragraph 23, in which the water solution and/or raw material-containing water, which could be used as fertilizer for agriculture with properties of disinfectant, antiseptic, preservation agent, antioxidant, antimutagen, radio-protector, immunostimulator, adoptogen, as virulicide, and antiviral agent, as stimulator of plants growth and as stimulator of mitotic activity of microbiologic flora useful for plants.